

Fig. 1

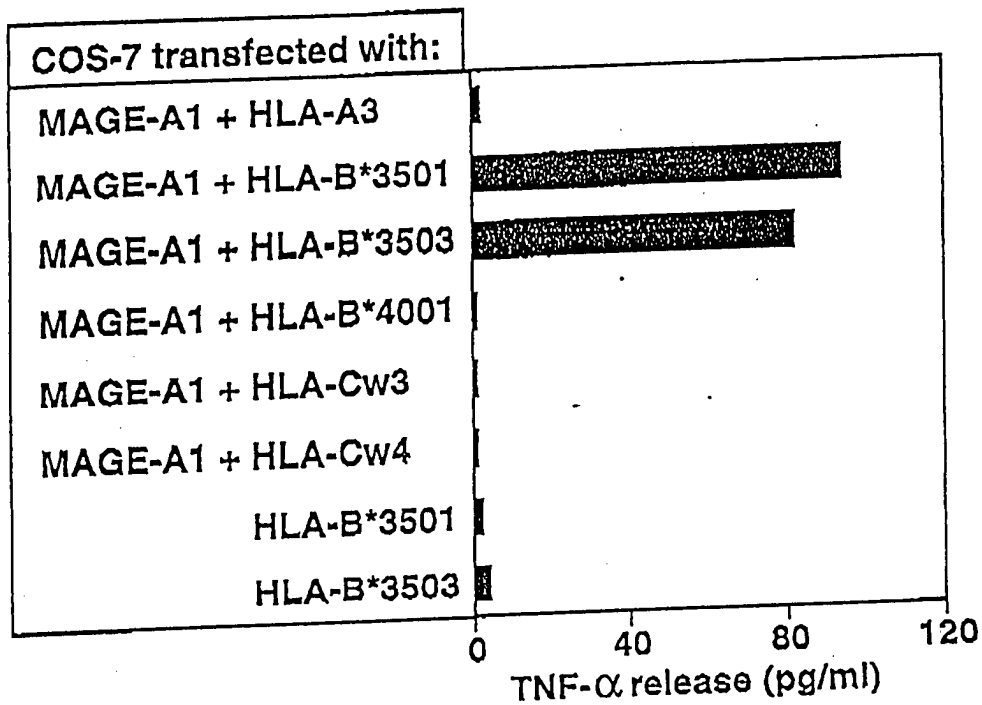


Fig. 2

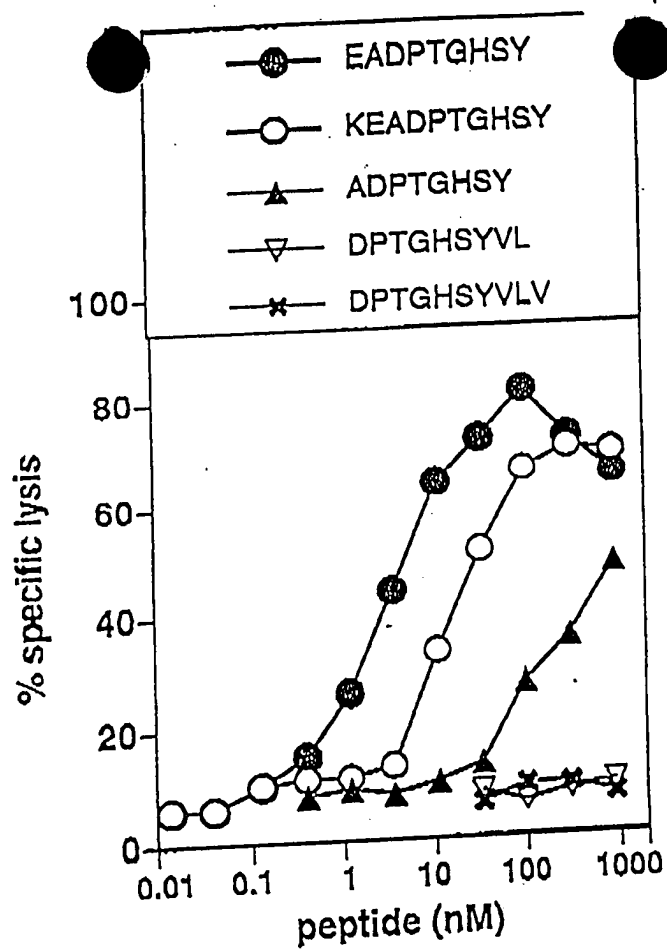


Fig. 3

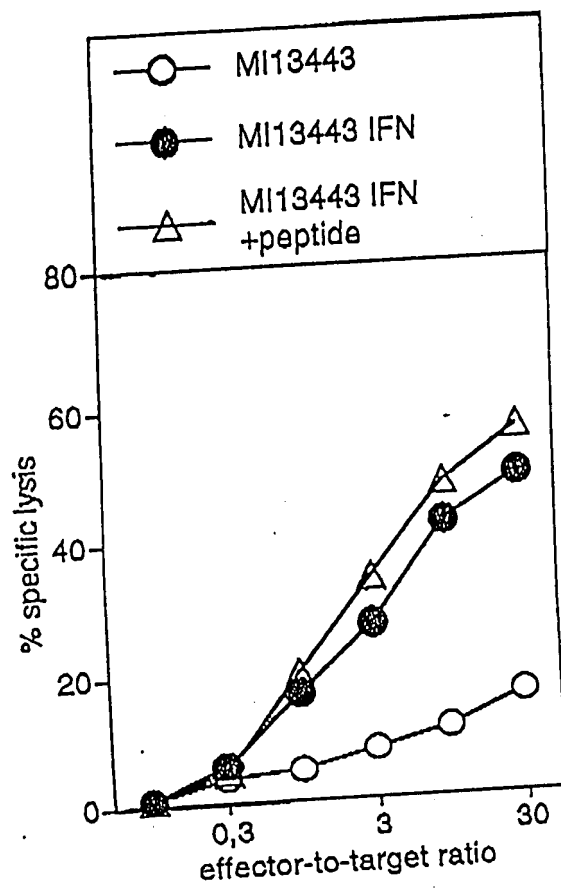


Fig. 4

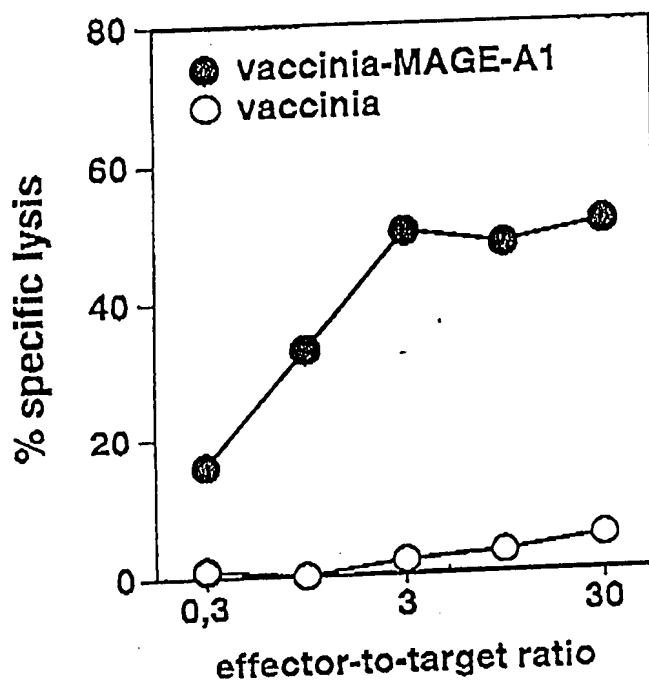
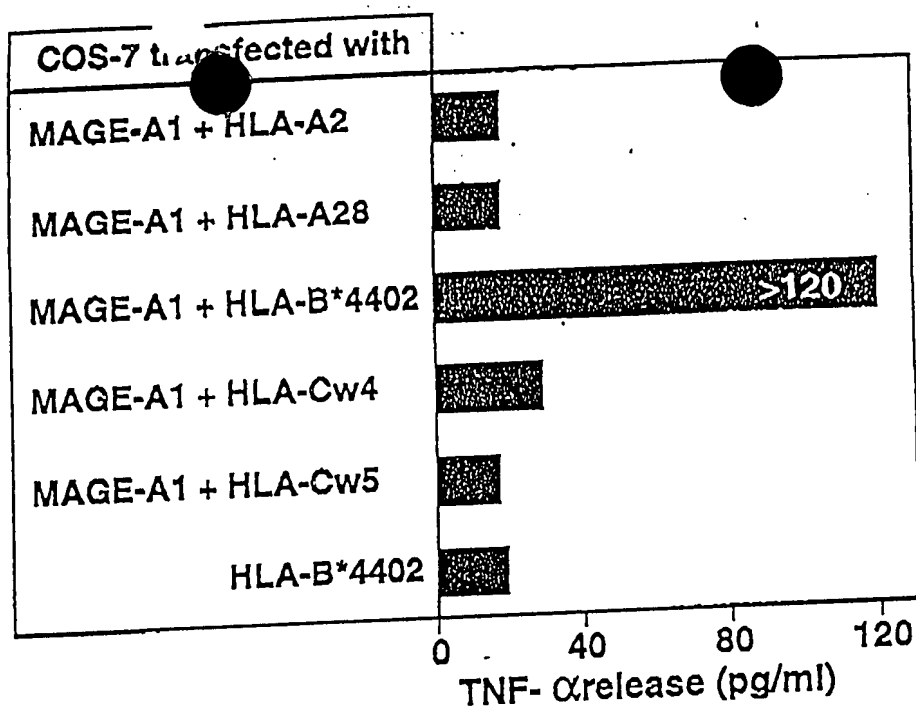


Fig. 5

A



B

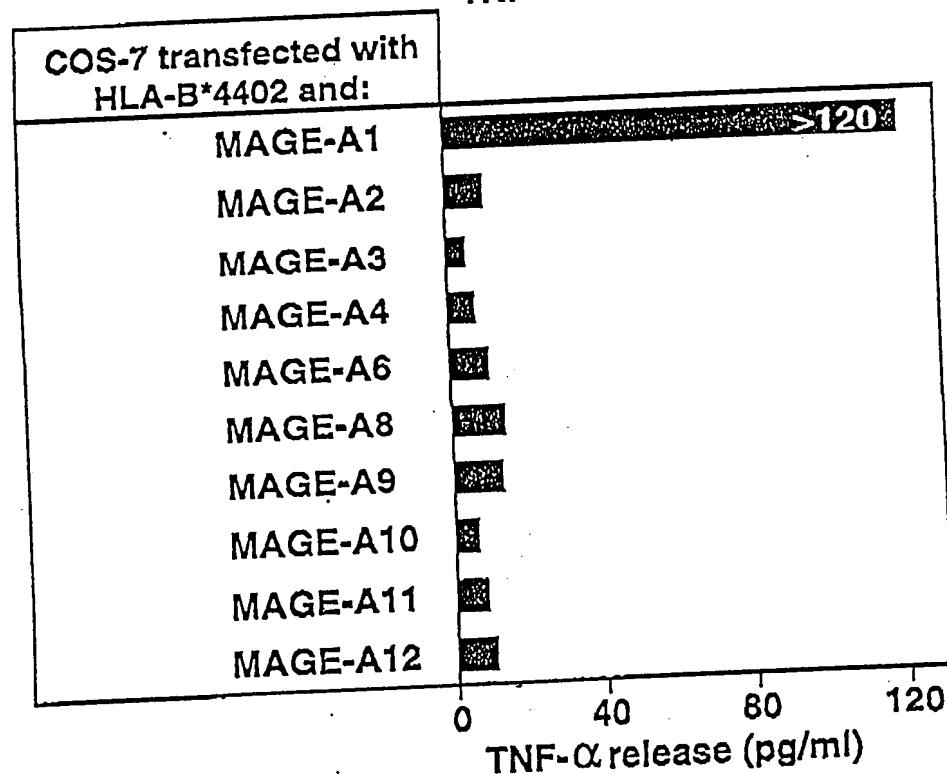


Fig. 6

TNF production by CTL (pg/ml)

CTL clone 4.2 CTL82/30 Effectors

COS + HLA-B*4402 +		COS + HLA-A1 +		Stimulators
MAGE-A1 complete minigene	MAGE-A1 complete minigene	MAGE-A1 complete minigene	MAGE-A1 complete minigene	
> 120	> 120	77	82	
> 120	> 120	> 120	> 120	
9	> 120		not tested	

position in
MAGE-A1
 ORF:

442 bp

507 bp

minigene 1
 ATG TCT CAG TCC TTG CAG CTC CTC TTT GGC ATT GAC GTG TGG GGA GCA GGC CCC ACC GGC CAC TCC TAT TCA
 M S E S L Q L V P G I D V X E A D P T G H S Y

minigene 2
 481 bp
 ATG GGA GCA CAC CAC CCC ACC GGC CAC TCC TAT TCA
 M E A D P T G H S Y

minigene 3
 484 bp
 ATG GCA GAC CCC ACC GGC CAC TCC TAT TCA
 M A D P T G H S Y

Fig. 7

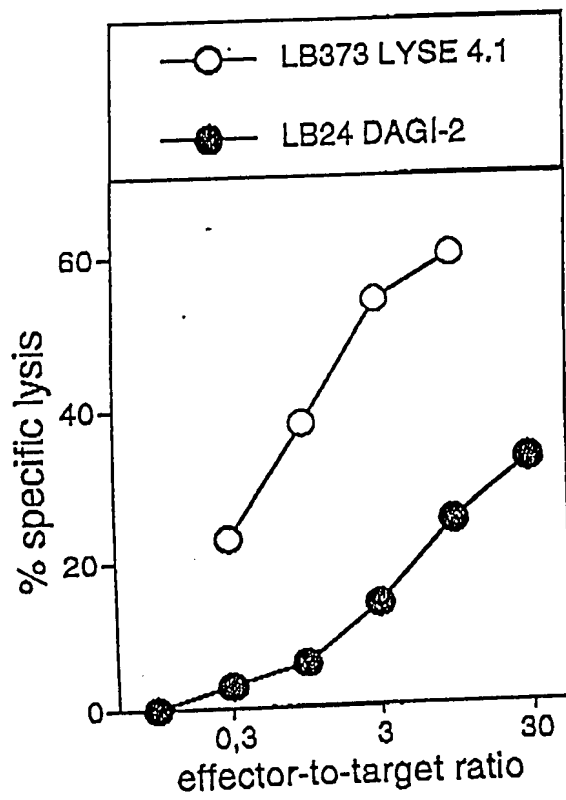


Fig. 8

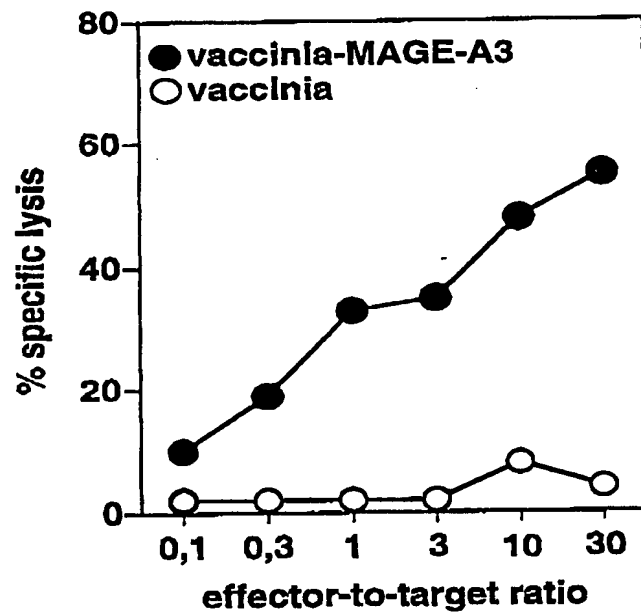


Fig. 9

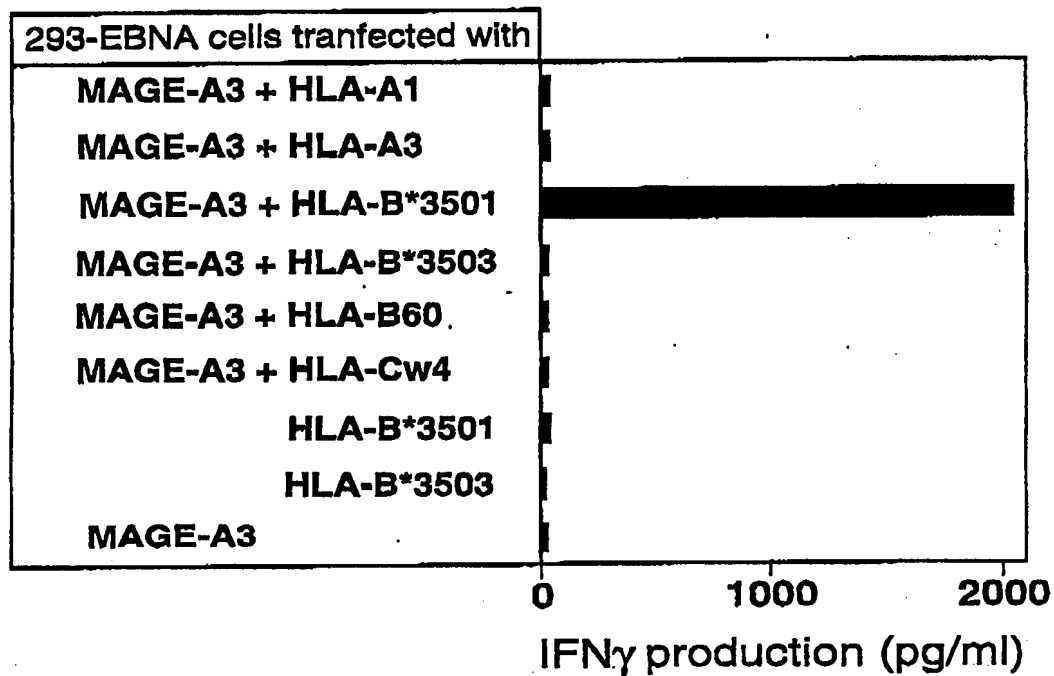


Fig. 10

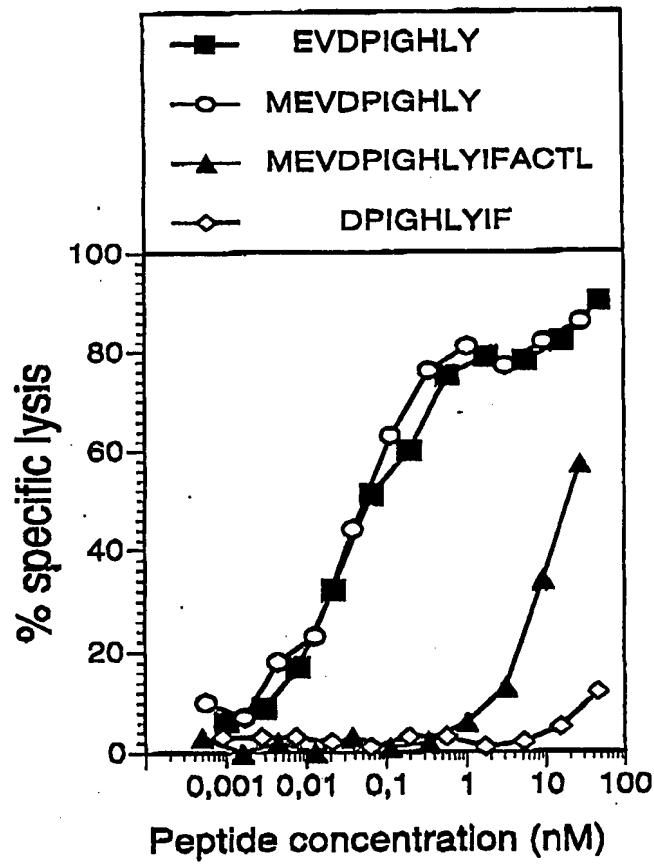


Fig. 11

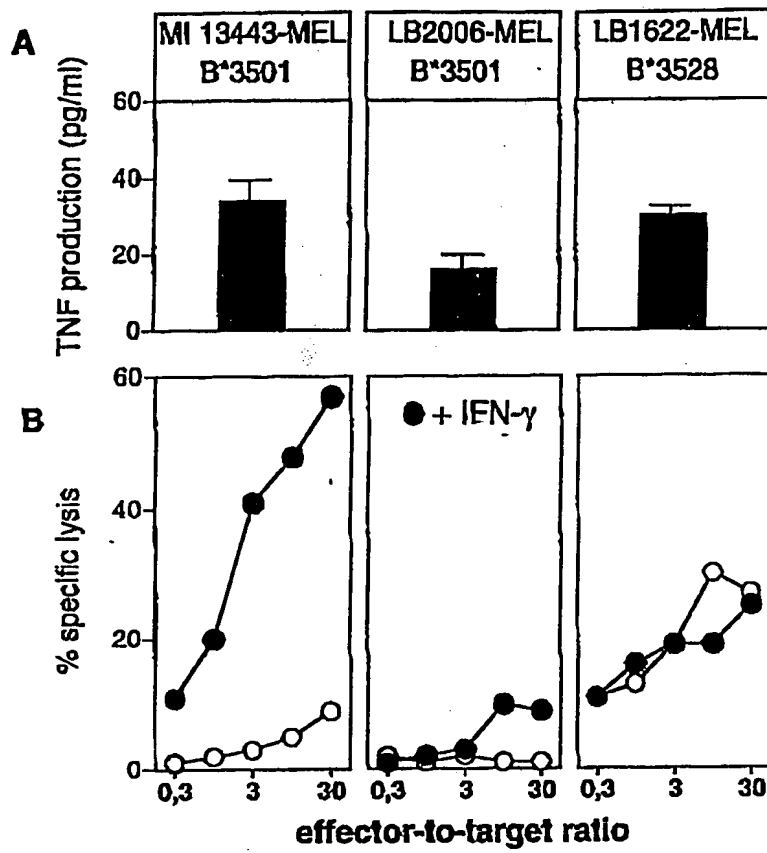


Fig. 12